



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Applicants: Ajith Kuttannair Kumar, et al )  
Examiner: Argenbright, Tony Michael )  
Serial No.: 10/600,080 )  
Group Art: 3747 )  
Filed: 06/20/2003 )  
For: ADAPTIVE FUEL CONTROL FOR AN INTERNAL  
COMBUSTION ENGINE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE UNDER 37 CFR 1.111

This Amendment is offered in response to the Office Communication dated 06/17/2004. In this amendment, the rejected claims are cancelled and the objected-to claims are placed into condition for allowance.

Please amend the claims as shown beginning on the next page.

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(201 → \$344 (4)

### REMARKS


Claims 1-34 are pending in this application. Claims 1, 13, 24, 26 and 30 are rejected under 35 USC 102(e) as being anticipated by the Gallagher patent. Claims 2-12, 14-19, 25, 27-29 and 31-34 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 20-23 are allowed.

The rejected claims 1, 13, 24, 26 and 30 are cancelled herein.

Objected-to claims 2, 6, 7, 9, 14, 18, 25, 27 and 31 have been placed into independent form including all of the limitations of the base claim, thereby placing them and all of their dependent claims into condition for allowance.

Entry of this amendment, reconsideration of the application and allowance of claims 2-12, 14-23, 25, 27-29 and 31-34 are respectfully requested.

Respectfully submitted,



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06/20/03

16523 U.S. PTO

PTO/SB/17 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2000**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 1,254.00)

**Complete if Known**

Application Number	Not Assigned
Filing Date	Simultaneous Herewith
First Named Inventor	Ajith Kuttannair Kumar
Examiner Name	Not Assigned
Group Art Unit	Not Assigned
Attorney Docket No.	20-LC-133061 (375)

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-2145

Deposit  
Account  
Name

General Electric Company

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17.

- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27.

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

101 690 201 345 Utility filing fee

106 310 206 155 Design filing fee

107 480 207 240 Plant filing fee

108 690 208 345 Reissue filing fee

114 150 214 75 Provisional filing fee

Fee Paid

750.00

SUBTOTAL (1) (\$ 750.00)

**2. EXTRA CLAIM FEES**

Total Claims	34	-20** =	14	x	18.00	=	252.00
Independent Claims	6	-3** =	3	x	84.00	=	252.00
Multiple Dependent				x		=	

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 78 202 39 Independent claims in excess of 3

104 260 204 130 Multiple dependent claim, if not paid

109 78 209 39 \*\* Reissue independent claims  
over original patent110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patent

SUBTOTAL (2) (\$ 504.00)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

105 130 205 65 Surcharge - late filing fee or oath

127 50 227 25 Surcharge - late provisional filing fee or  
cover sheet

139 130 139 130 Non-English specification

147 2,520 147 2,520 For filing a request for *ex parte* reexamination112 920\* 112 920\* Requesting publication of SIR prior to  
Examiner action113 1,840\* 113 1,840\* Requesting publication of SIR after  
Examiner action

115 110 215 55 Extension for reply within first month

116 380 216 190 Extension for reply within second month

117 870 217 435 Extension for reply within third month

118 1,360 218 680 Extension for reply within fourth month

128 1,850 228 925 Extension for reply within fifth month

119 300 219 150 Notice of Appeal

120 300 220 150 Filing a brief in support of an appeal

121 260 221 130 Request for oral hearing

138 1,510 138 1,510 Petition to institute a public use proceeding

140 110 240 55 Petition to revive - unavoidable

141 1,210 241 605 Petition to revive - unintentional

142 1,210 242 605 Utility issue fee (or reissue)

143 430 243 215 Design issue fee

144 580 244 290 Plant issue fee

122 130 122 130 Petitions to the Commissioner

123 50 123 50 Petitions related to provisional applications

126 240 126 240 Submission of Information Disclosure Stmt

581 40 581 40 Recording each patent assignment per  
property (times number of properties)146 690 246 345 Filing a submission after final rejection  
(37 CFR § 1.129(a))149 690 249 345 For each additional invention to be  
examined (37 CFR § 1.129(b))

179 690 279 345 Request for Continued Examination (RCE)

169 900 169 900 Request for expedited examination  
of a design application

Other fee (specify)

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

**SUBMITTED BY**

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34,865

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Signature

David G. Maize

Date

June 20, 2003

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